

INFLATABLE DOCKING STATION/GARAGE FOR MARS ROVER

ABSTRACT OF THE DISCLOSURE

5 An inflatable docking station for a Mars roving vehicle (Mars rover)
provides a recharging station as well as a storage facility for the Mars rover
during adverse environmental conditions. The docking station/garage allows for
extended operational life for the Mars Rover, allows for the Mars rover to
operate at the polar regions of Mars, where extreme cold conditions restrict
10 rover operation, and provides for a warmer habitat for the Mars rover.
Conventional planetary roving vehicles only be deployed from the warmer
equator region of the planet surface. However, these roving vehicles may never
explore the polar regions because the roving vehicle may not have enough
stored power. The docking station/garage provides a remote outpost for,
15 among other things, storing and recharging the Mars Rover to allow it to reach
more remote areas.